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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION OF

F. Abel PONCE DE LEON et al.

Group Art Unit: 1633

Application No. 09/127,738

Examiner: Michael C. Wilson

Filed: August 3, 1998

Title: PRODUCTION OF AVIAN EMBRYONIC GERM (EG) CELL LINES BY PROLONGED
CULTURING OF PGCs, USE THEREOF FOR CLONING AND CHIMERIZATION

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REPLY AND AMENDMENT

Hon. Commissioner of Patents
Washington, D.C. 20231

Sir:

This reply is responsive to the Final Office Action dated November 15, 2002.

IN THE CLAIMS:

Claims 1, 14, 25, 26, 28, 29, and 30 are amended as shown below:

1. (Four Times Amended) A method of obtaining avian embryonic germ (EG) cells comprising:
 - (i) isolating primordial germ cells (PGCs) from an avian embryo; and
 - (ii) culturing said PGCs in the absence of a feeder layer in a culture medium comprising
 - (1) leukemia inhibitory factor (LIF),
 - (2) basic fibroblast growth factor (bFGF),
 - (3) stem cell factor (SCF) and
 - (4) insulin-like growth factor (IGF),